

(Use several sheets if necessary)

APPLICANT
QIU ET AL.
FILING DATE
SEPTEMBER 3, 2003

Group

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
REZ	AA	2001/0045676	11/29/01	Winterton et al.	264	2.5	1/31/01
REZ	AB	2001/0048975	12/6/01	Winterton et al.	427	412.1	2/1/01
REZ	AC	2002/0006493	1/17/02	Chabreck et al.	428	64.1	5/30/01
	AD	2002/0006493	1/17/02	Chabreck et al.	428	64.1	5/30/01
REZ	AE	2002/0086160	7/4/02	Qiu et al.	428	413	8/24/01
REZ	AF	2003/0008154	1/9/03	Aguado et al.	428	447	5/22/02
REZ	AG	6,451,871	9/17/02	Winterton et al.	523	106	4/27/00
REZ	AH	2002/0182316	12/5/02	Gilliard et al.	427	162	5/22/02
REZ	AI	2003/0012872	1/16/03	Qiu et al.	427	162	5/22/02
REZ	AJ	2003/0039742	2/27/03	Qiu et al.	427	2.1	5/22/02
REZ	AK	2003/0117579	7/26/03	Morris et al.	351	200	11/4/02
REZ	AL	2003/0134132	7/17/03	Winterton et al.	428	451	1/8/03

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
REZ	AM	EP 0 032 443	5/6/85	EPO			<input type="checkbox"/>	<input type="checkbox"/>
REZ	AN	EP 0 138 385	4/18/90	EPO			<input type="checkbox"/>	<input type="checkbox"/>
REZ	AO	GB 2 102 070	1/26/83	UK			<input type="checkbox"/>	<input type="checkbox"/>
	AP	JP 4 158412		JPO			<input type="checkbox"/>	<input checked="" type="checkbox"/>
	AQ	JP 5 348118		JPO			<input type="checkbox"/>	<input checked="" type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

REZ	AR	European Search Report 3-2003
REZ	AS	Decher, Lehr, Lowack, Lvov & Schmitt, "New Nanocomposite Films for Biosensors: layer by Layer adsorbed films of polyelectrolytes, proteins or DNA", 1994, pp677-684
REZ	AT	Sukhorukov, Mohwald, Decher and Lvov, "Assembly of Polyelectrolyte Multilayer films by consecutively alternating adsorption of Polynucleotides and Polycations", 1996, pp. 220-223

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8/4/04

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REF	DA	Uchida, Kunitake, and Kajiyama, "Blood Compatibility - Surface Characteristic Relationships of a Langmuir-Blodgett Film Composed of an Anionic Amphiphile-Polycation Complex", 1994, pp. 199-211
REF	DB	Onitsuka, Fou, Ferreira, Hsieh, and Rubner, "Enhancement of Light Emitting Diodes Based on Self-Assembled Heterostructures of Poly(p-Phenylene Vinylene)", 1996, pp.4067-4071
REF	DC	Yoo, Lee and Rybner, "Investigations of New Self-Assembled MultiLayer Thin Films Based on Alternately Adsorbed Layers of Polyelectrolytes and Functional Dye Molecules", 1996, pp.395-400
REF	DD	Yoo, Wu, Lee and Rubner, "New Electro-Active Self-Assembled MultiLayer Thin Films Based on Alternately Adsorbed Layers of Polyelectrolytes and Functional Dye Molecules", 1997, pp.1425-1426
REF	DE	Yoo & rubner, "Layer-By-Layer Modification of Surfaces Through The Use of Self Assembled Monolayers of Polyions", 1995, pp.2568-174
REF	DF	Ferreira and Rubner, "Molecular Level Processing of Conjugated Polymers. Layer by Layer Manipulation of Conjugated Polyions", 1995, pp.7107-7114
REF	DG	Fou and Rubner, "Molecular Level Processing of Conjugated Polymers. Layer by Layer Manipulation of In-Situ Polymerized p-Type Doped Conducting Polymers", 1995, pp.7115-7120
REF	DH	Cheung, Stockton & Rubner, "Molecular Level Processing of Conjugated Polymers. Layer by Layer Manipulation of Polyaniline via Electrostatic Interactions", 1995, pp.2712-2716
REF	DI	Cheung, Fou, Ferreira and Rubner, "Molecular Self Assembly of Conducting Polymers: A New Layer by Layer Thin Film Deposition Process", pp.757-758
REF	DJ	Vargo, Clavert, Wynne, Avlyanov, MacDiarmid, and Rubner, "Patterned Polymer multilayer Fabrication by Controlled Adhesion of Polyelectrolytes to Plasma modified Fluoropolymer Surfaces", 1996, pp.169-174
	DK	
	DL	
	DM	
	DN	

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REZ	BA	4,168,112	9/18/79	Ellis et al.	351	160	1/5/78
REZ	BB	4,321,261	3/23/82	Ellis et al.	424	180	6/25/79
REZ	BC	4,941,997	7/17/90	Decher et al.	252	586	7/6/88
REZ	BD	4,973,429	11/27/90	Decher et al.	252	587	2/15/89
REZ	BE	5,068,318	11/26/91	Decher et al.	534	573	5/15/90
REZ	BF	5,208,111	5/4/93	Decher et al.	428	420	8/15/91
REZ	BG	5,518,767	5/21/96	Rubner et al.	427	259	7/1/93
REZ	BH	5,529,727	6/25/96	LaBombard et al.	264	1.36	7/20/94
REZ	BI	5,536,573	7/16/96	Rubner et al.	428	378	7/6/94
REZ	BJ	5,700,559	12/23/97	Sheu et al.	428	319.7	12/16/94
REZ	BK	6,011,082	1/4/00	Wang et al.	523	107	6/2/97
	BL	6,454,871	9/17/02	Winterton et al.	523	106	4/27/00

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
REZ	BM	WO 95/00618	1/5/95	PCT			<input type="checkbox"/>	<input type="checkbox"/>
REZ	BN	WO 95/02251	1/19/95	PCT			<input type="checkbox"/>	<input type="checkbox"/>
REZ	BO	WO 95/20407	8/3/95	PCT			<input type="checkbox"/>	<input type="checkbox"/>
REZ	BP	WO 96/18498	6/20/96	PCT			<input type="checkbox"/>	<input type="checkbox"/>
REZ	BQ	WO 96/31792	10/10/96	PCT			<input type="checkbox"/>	<input type="checkbox"/>

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	BR	
	BS	
	BT	

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INFORMATION DISCLOSURE CITATION

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ATTY. DOCKET NO.
CL/V-32635A
APPLICATION NO.

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
R43	CA	WO 96/37241	11/28/96	PCT			<input type="checkbox"/>	<input type="checkbox"/>
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	CC						<input type="checkbox"/>	<input type="checkbox"/>
	CD						<input type="checkbox"/>	<input type="checkbox"/>
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	CY						<input type="checkbox"/>	<input type="checkbox"/>
	CZ						<input type="checkbox"/>	<input type="checkbox"/>

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